



04/10/01

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Attorney Docket No.: 10417-076001

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new original patent application of:

Applicant: SHUICHI KIKUCHI, EIJI NISHIBE AND TAKUYA SUZUKI

Title: SEMICONDUCTOR DEVICE AND METHOD OF
MANUFACTURING THE SAMEEnclosed are the following papers, including those required to receive a filing date
under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	22
Claims	9
Abstract	1
Declaration	4
Drawing(s)	9

Enclosures:

- ✓ — Assignment cover sheet and an assignment, 4 pages, and a separate \$40 fee.
- A certified copy of the priority application will be filed at a later date.
- Postcard.

Under 35 USC 119, this application claims the benefit of a foreign priority
application filed in Japan, serial number 2001-008019, filed January 16, 2001.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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I hereby certify under 37 CFR §1.10 that this correspondence is being
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Basic filing fee	\$710
Total claims in excess of 20 times \$18	\$0
Independent claims in excess of 3 times \$80	\$0
Fee for multiple dependent claims	\$0
Total filing fee:	\$710

A check for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (212) 765-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

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Respectfully submitted,

Chris T. Mizumoto
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Enclosures
CTM/rap
30046385.doc

Figure 1. The 128-bit key schedule for the proposed cipher. The key schedule is derived from the 128-bit master key K and the 128-bit round function f . The key schedule is used to generate the round keys K_1, K_2, \dots, K_{16} for the 16 rounds of the cipher. The key schedule is shown in Figure 1.